



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE REISSUE PATENT APPLICATION OF:

SHINOGLA et al.

Grp. Art. Unit: 3747

Application No: 09/322,770

Examiner: Gimie, M

Filing Date: May 28, 1999

Date: May 29, 2001

METHOD AND STRUCTURE FOR  
CONTROLLING AN APPARATUS,  
SUCH AS A FUEL INJECTOR,  
USING ELECTRONIC TRIMMING

Atty. Dkt. No: CAT 87-146R

TECHNOLOGY CENTER R3700

JUN 6 - 2001

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I certify that this paper or fee was mailed with sufficient postage via first class mail on the 29th day of May, 2001 to the Assistant Commissioner for  
Patents, Washington, D.C. 20231; Name Printed: Carrie Stremming; Signature *Carrie Stremming*

### RESPONSE TO FINAL OFFICE ACTION

In response to the Final Office Action dated May 8, 2001, please consider the following remarks: Reconsideration of the present application is respectfully requested.

Claims 46-48 stand rejected under 35 USC §103(a) over Fischer et al. Applicants respectfully disagree for a least two reasons. First, Fischer et al. includes no teaching or suggestion that would motivate one skilled in the art to attach recorded data to the apparatus. Since Fischer et al. only contemplates an in-chassis method of controlling a fuel injector, it contains nothing that would motivate one skilled in the art to attach a data recording to an injector, especially one that is already installed in an engine. Secondly, applicants' claims require that at least one resulted characteristic be measured at a plurality of operating conditions, and that those measurements be used to determine control signal adjustment data. Fischer et al., on the other hand, only shows and suggests a real time in-chassis fuel injector control system that relates only to a single operating condition that exists in its current computation cycle. Thus, Applicants respectfully assert that Fischer et